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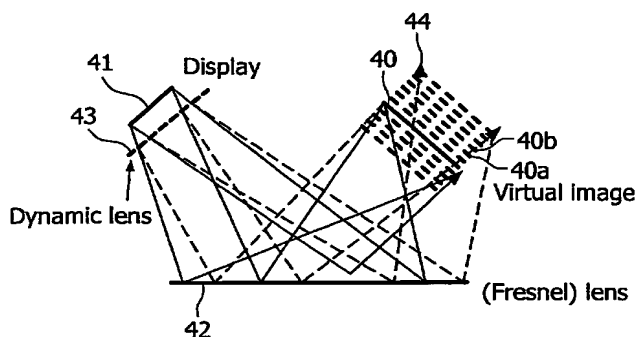
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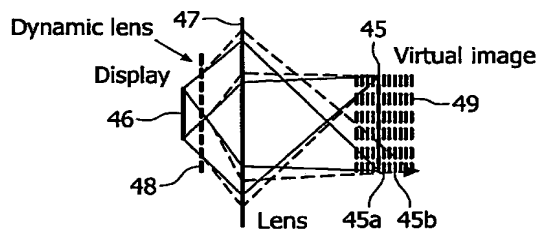
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(54) Title: **VOLUMETRIC DISPLAY**



a



b

(57) Abstract: A three-dimensional image display device generates a virtual image within a defined imaging volume. The device includes a two-dimensional image display panel for generating a two-dimensional image; a first focusing element for projecting the two-dimensional image to a virtual image in an imaging volume; and means for altering the effective optical path length between the display panel and the projecting first focusing element so as to alter the position of the virtual image within the imaging volume. The effective optical path length may be varied by a lens of variable focal length, by relative motion of the 2D display panel and the first focusing element, or by the introduction of other optical elements into the optical path that vary the effective optical path length.



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